

Title (en)  
TISSUE STIMULATING DEVICE

Title (de)  
GEWEBESTIMULATIONSVORRICHTUNG

Title (fr)  
DISPOSITIF DE STIMULATION DE TISSU

Publication  
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Application  
**EP 06812937 A 20061031**

Priority  
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Abstract (en)  
[origin: WO2008054260A1] The present invention relates to a tissue stimulating device (100) that provides a biological stimulation of tissue (15). The tissue stimulation device comprises a release surface (110) adapted for arrangement adjacent to a tissue (15) to be stimulated. An agent reservoir (120) of the device (100) comprises an ionic agent (140) capable of causing a stimulation if present at sufficient high extracellular concentration close to the tissue (15). An agent releaser (130; 132; 134; 136) is provided in the device (100) for releasing a selected amount of the ionic agent (140) from the agent reservoir (120) to an outside of the release surface (110) at a stimulation occasion for stimulating the tissue (15). The ionic agent (140) will cause a temporary change in ion permeability of the tissue cell membranes and a depolarization of the tissue cells.

IPC 8 full level  
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